

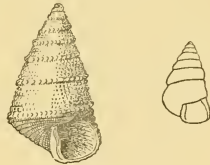
DESCRIPTION OF *CALLIOSTOMA PURPUREOCINCTUM*,  
A NEW MARINE AUSTRALIAN SHELL.

BY C. HEDLEY, F.L.S.

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Museum.)

*CALLIOSTOMA PURPUREOCINCTUM*, n.sp.

Shell small, turreted, solid, thick. Colour orange-yellow, with a pale lilac band ascending the spire on the peripheral bead-row; some specimens show on the periphery brown flames succeeded by lighter dashes, both vanishing at the centre of the whorl. Surface glossy. Whorls eight. First whorl and a half smooth, on the next whorl a peripheral and two minor bead-rows may be discerned. Throughout the spire the peripheral bead-row is distinguished by its lilac colour and by its larger grains, of which the last whorl bears about 40; beneath this row and margining the suture of the following whorl there runs a simple unbeaded thread. On the fourth whorl a third minor bead-row appears. By the same process of growth as the latter arose, a thread, intercalated between the bead-rows of the antepenultimate whorl, enlarges, produces small, then larger, beads, and finally equals, on the last whorl, the original series. Behind the aperture these minor bead-rows amount to six. Within the row these beads are separated by the space of their diameters, and are "strung" on a fine thread; the interval between each row is finely obliquely striated. The base is encircled by a dozen spiral threads of



C.H., del.

unequal size, which show an inclination latterly to produce beads; they are separated by interstices equivalent to each preceding thread. Aperture oblique, rhomboidal, peristome simple; columella continuing in the direction of the shell's axis, slightly broadening anteriorly; within nacre white, lustreless (in the beach-worn examples before me), a callous deposit within the insertion of the outer lip does not extend across the roof of the aperture to the insertion of the pillar.

Alt. 13, diam. 8 mm.

*Hab.*—Port Stephens, N.S.W. (Cox), and Botany Heads, N.S.W. (Hargraves).

Type in the Australian Museum.

This pretty little shell is described at the wish of, and from examples furnished by, Dr. J. C. Cox, who regarded it as new, an opinion shared by Mr. Brazier and myself. It may be suitably intercalated among the species arranged in Pilsbry's Monograph of the genus next to *C. poupineli*, Montrouzier [Man. Conch. (I.), xi. p. 350].

Dr. Cox has on several occasions received dead but well preserved specimens of this species from his collectors at Port Stephens. Some faded and broken shells in the Hargraves Collection, labelled "Botany Heads," appear to me to represent the same species.

The accompanying figure was drawn by the writer from the specimen described, with the aid of an Abbé camera lucida.